INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/13314

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A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C07C41/16, C07C43/20				
the state of the s				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)				
Int.Cl ⁷ C07C41/16, C07C43/20				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
CAPLUS(STN), REGISTRY(STN)				
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C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Cate	едогу*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.
	A	JP 2000-344704 A (Nippon Kaya	aku Co., Ltd.),	1-8
		12 December, 2000 (12.12.00), & WO 00/44700 A1		
A		JP 2000-119208 A (Sumitomo Cl 25 April, 2000 (25.04.00),	nemical Co., Ltd.),	1-8
·		(Family: none)		•
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	Furth	er documents are listed in the continuation of Box C.	See patent family annex.	
* "A"	* Special categories of cited documents: "I" later document published after the international filing date of priority date and not in conflict with the application but cited			
"E"	considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family	
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"O" docum		l reason (as specified) nent referring to an oral disclosure, use, exhibition or other		
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Da	Date of the actual completion of the international search 07 March, 2003 (07.03.03)		Date of mailing of the international search report 25 March, 2003 (25.03.03)	
Name and mailing address of the ISA/			Authorized officer	
	Japanese Patent Office			
Fac	Facsimile No.		Telephone No.	